



TOP SECRET

IMAGERY
ANALYSIS
DIVISION

PIR

PHOTOGRAPHIC INTELLIGENCE REPORT

MOSKVA AIRFRAME PLANT FILI 23

MOSKVA, USSR,

25X1

Declass Review by NIMA/DOD

RETURN TO ARCHIVES & RECORDS CENTER
IMMEDIATELY AFTER USE
JOB 23/23/2

CIA/PIR -75076

25X1

25X1

DATE JANUARY 1967

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MOSKVA AIRFRAME PLANT FILI 23 MOSKVA, USSR, JULY 1966

Moskva Airframe Plant Fili No 23 (BE No [redacted]) is located in the western suburbs of Moskva, USSR, at 55-45-30N 037-20-20E (Figure 1). The plant is adjacent to Moscow/Fili Airfield [redacted] and is served by major roads and rail spurs.

The plant area is surrounded by 18,000 linear feet of probable masonry/board wall with guard towers. There are 10,700 linear feet of rail spurs and 22,300 linear feet of hard surfaced road, which is 25 feet wide, within the plant. The preceding measurements are to be considered as only approximate. Figures 2, 3, and 4 show the plant area in [redacted] respectively. All item numbers are keyed to Figure 5 which gives the layout of the plant.

Moskva Airframe Plant Fili No 23, originally called the "Gorbunov Plant," was built in the late 1920s or early 1930s. 1/ It was called "Airframe Plant No 22" until 1941, when it was partially evacuated. 1/ By late 1942, however, the plant had been restored sufficiently to operate and was reopened as "Airframe Plant No 23." 1/ Reconstruction of buildings damaged by World War II bombings was accomplished in the early post-war years. 1/ Analysis of [redacted] photography [redacted] revealed a total estimated roof area of approximately 2.1 million square feet with a floorspace estimated at 2.4 million square feet. 1/ Nine buildings constructed between [redacted] provide an additional 590,370 square feet of roof cover and

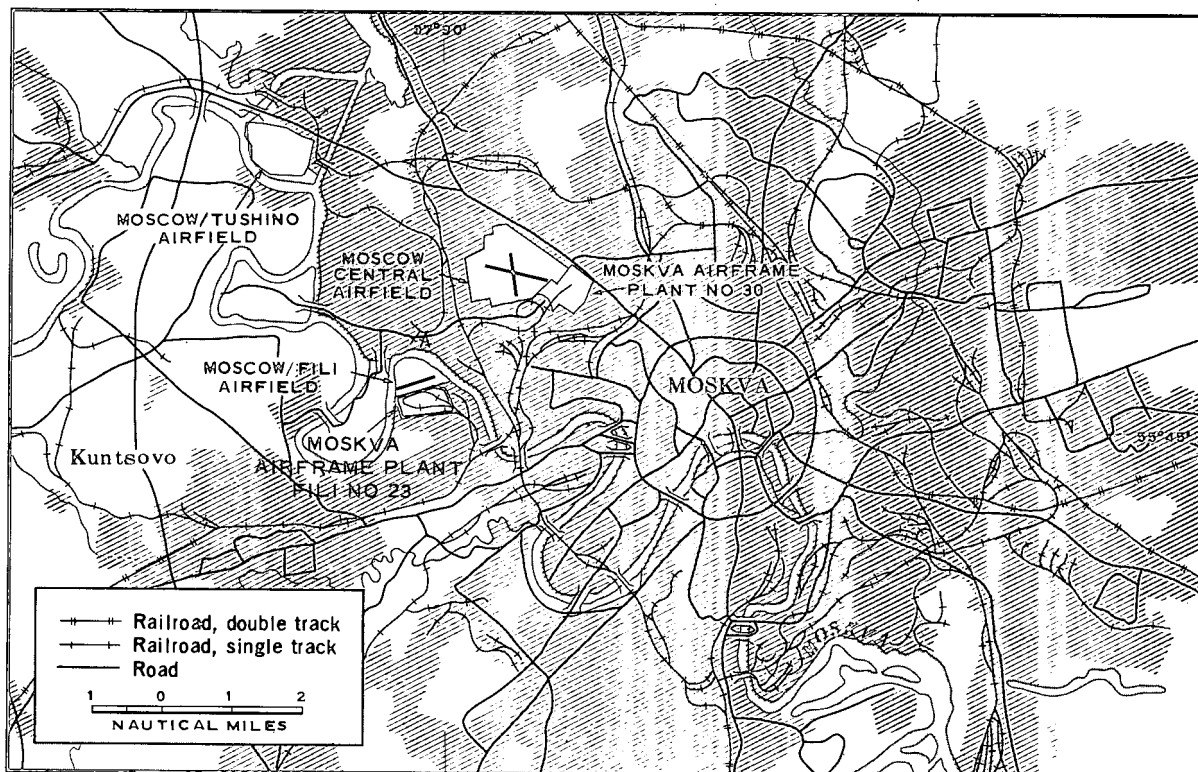


FIGURE 1. LOCATION MAP.

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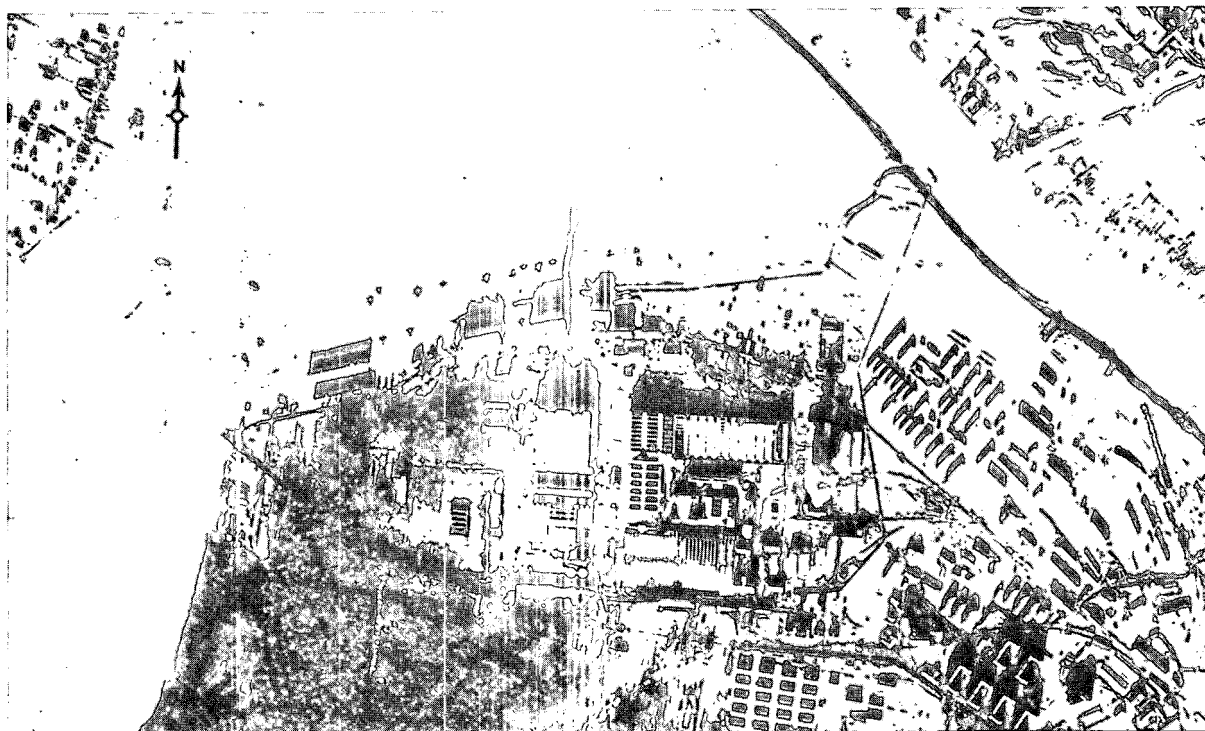
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FIGURE 2. MOSKVA AIRFRAME PLANT FILI NO 23, MOSKVA, USSR,

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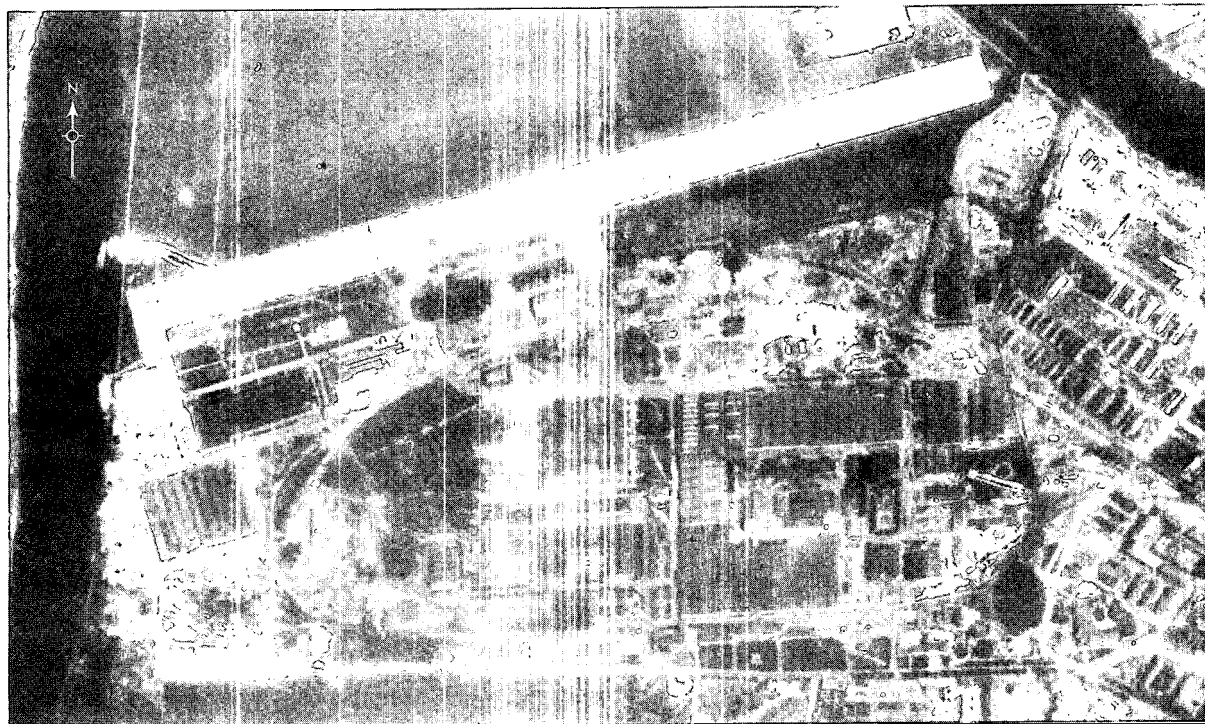


FIGURE 3. MOSKVA AIRFRAME PLANT FILI NO 23,

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FIGURE 4. MOSKVA AIRFRAME PLANT FILI NO 23,

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Table 1. Description, Dimensions, Floorspace, and Cubic Feet of Numbered Structures at Moskva Airframe Plant Fili No 23, Moskva, USSR (item numbers are keyed to Figure 5).

Item	Description	Dimensions (ft) (see note)			Floorspace (sq ft)	Cubic Feet
		L	W	H		
1	Workshop					
	Addition to workshop u/c					
2	Admin bldg (4 story)					
3	Prob engineering/R&D bldg					
4	Admin/engineering bldgs (2)					
	a 2 story					
	b 3 story					
	Admin/engineering bldg u/c					
5	Warehouse/storage bldg					
6	Machine shop/workshop					
7	Warehouse/storage bldg					
8	Workshop					
9	Warehouse					
10	Warehouse					
11	Machine shop/workshop					
12	Machine shop/workshop with prob hangar at west end					
13	Warehouse/storage bldg					
14	Workshop					
15	Steamplant					
	Steamplant addition					
16	Workshop					
17	Machine shop/workshop					
18	Machine shop/workshop					
19	Maintenance hangar					
20	Workshop/storage bldg					
21	Final assembly bldg					
22	Workshop/warehouse					
23	Machine shop/workshop					
24	Warehouse					
25	Poss POL pumphouse/compressor bldg					
26	Admin bldgs (4)					
	a 1 story					
	b 2-3 story					
	c 1 story					
	d 1 story					
27	Subassembly bldg/machine shop					
28	Poss transshipment bldg					
29	Hangar					
30	Subassembly bldg/machine shop					
31	Workshop					
32	Workshop					
33	Machine shop/workshop					
34	Forge/foundry					
35	Workshop					
36	Workshop					
	Total floorspace & cubic feet of numbered buildings					
	Total floorspace & cubic feet of other buildings					
	Total floorspace & cubic feet of plant					

25X1

25X1

NOTE--With the exception of those dimensions marked with an asterisk (*), all measurements were calculated by NPIC/TID and are accurate to within ± 10 ft or 10%, whichever is greater. Measurements were derived from [redacted]

*Dimensions calculated by CIA/IAD project analyst.

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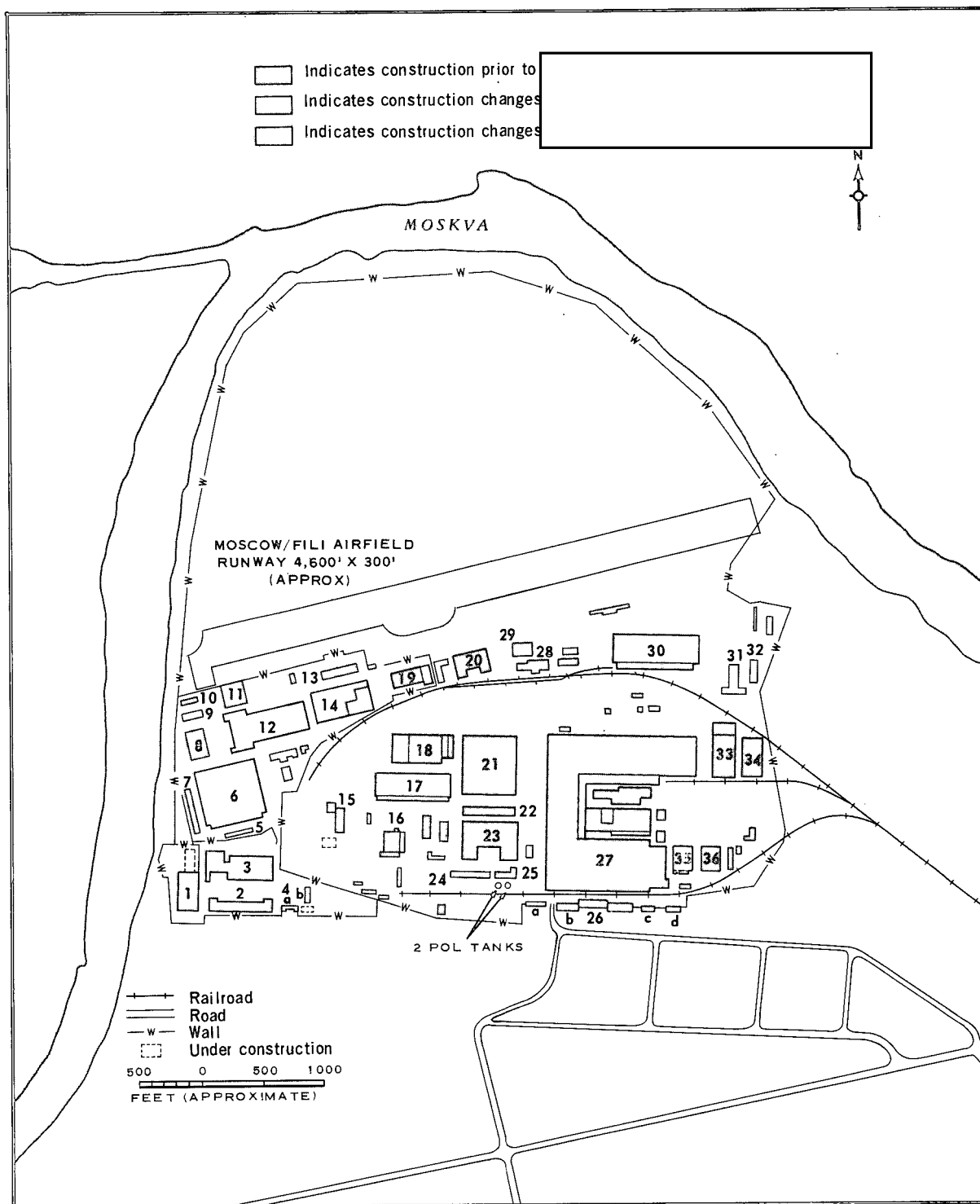
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FIGURE 5. LAYOUT OF MOSKVA AIRFRAME PLANT FILI NO 23.

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712,540 square feet of floorspace. 1/ []
 25X1 roof cover was 2.7 million square feet with 3.1
 25X1 million square feet of floorspace. 2/ []
 25X1 [] the total floorspace in the plant,
 including the buildings under construction, was
 approximately 3,342,150 square feet. 3/

25X1

From [] new
 building construction included: a warehouse/
 storage building (item 5), 2 machine shops/
 workshops (items 6 and 12), 2 warehouses (items
 9 and 24), an administration building (item 26a),
 3 workshops (items 14, 31, and 32), and various
 25X1 support buildings. Additions to existing buildings,
 which were completed by [] were made
 at a workshop (item 16), a maintenance hangar
 (item 19), and the subassembly building/machine
 shop (item 27).

25X1

The administration/engineering buildings
 (items 2, 4a, and 4b), a warehouse/storage build-
 25X1 ing (item 7), and a workshop (item 8) were
 under construction in [] and completed []

25X1

25X1 [] Construction on another warehouse/storage
 25X1 building (item 13) was started after []
 25X1 but was completed prior to [] An ad-
 25X1 dition to a workshop (item 14) was also com-
 pleted during this period.

25X1

Two additional buildings were under con-
 struction in [] The subassembly building/
 machine shop (item 30) was completed during
 25X1 the summer of [] and the probable engineering/
 25X1 R&D building (item 3) was completed by []

25X1

25X1

25X1

Between []
 25X1 [] additions to a machine shop/workshop

25X1

25X1

(item 18), the subassembly building/machine
 shop (item 27), and a machine shop/workshop
 (item 33) were completed. A workshop (item 1)
 was under construction in [] and
 appeared complete by [] The
 machine shop/workshop (item 17) was under
 construction prior to [] and ap-
 peared complete in [] During this time,
 2 other buildings were started and completed. A
 warehouse (item 10) was started prior to []
 and appeared complete in [] a
 machine shop/workshop (item 11) was started
 after [] and appeared complete by
 []

25X1

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25X1

Construction of the steamplant addition (item
 15), the workshop addition (item 1), and an ad-
 ministration/engineering addition (item 4b) was
 commenced prior to photography of []
 The steamplant (item 15) appeared to be complete
 by [] whereas the additions (items 1 and
 4b) were still under construction at this time.

25X1

25X1

Additional construction within the plant
 since [] has increased the total floorspace
 to approximately [] This
 floorspace figure incorporates both the areas of
 buildings under construction and the areas of
 multistory administration/engineering buildings.

25X1

25X1

Moscow/Fili Airfield, which serves the plant
 as a flyaway field, has 1 east-northeast/west-
 southwest concrete runway measuring []
 feet. On [] the following aircraft were
 observed at the field: 12 HOOK, 1 BOUNDER,
 1 COLT, 2 CREEK.

25X1

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REFERENCES

25X1

MAPS OR CHARTS

ACIC series, scale 1:200,000

DOCUMENTS

1. CIA. RR/RA-20, *Estimated Floorspace of Moscow/Fili Airframe Plant No. 23*, Oct 57 (SECRET)
2. CIA. PIB-1007/61, *Moscow/Fili Airframe Plant No. 23, Moscow, USSR*, Jul 61 (SECRET)
3. CIA. PIR-42/64, *Moscow Airframe Plant Fili No 23, USSR*, Dec 64 (TOP SECRET)

REQUIREMENT

CIA. C-RR6-83,650

PROJECT

31260/66 (partial answer)

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